

OPTIMIZED NALCOMIS



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SAFETY CENTER
BRIEF

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CNAL

Why NALCOMIS Optimized?

- **Naval Aviation can no longer afford to document maintenance on legacy systems**
 - **We must...**
 - Have improved accuracy in reported data
 - Have total asset visibility
 - Be able to show accurate utilization of our assets
 - Have consistent data over time Trending
 - Be able to accurately plan for the future

Optimized OMA NALCOMIS



- **OOMA will provide accurate and timely data to ...**
 - Help engineers determine optimal inspection intervals.
 - Improve component reliability and extend MTBF
 - Forecast resource usage
 - Determine optimal personnel requirements

Optimized OMA NALCOMIS



- Optimized OMA NALCOMIS is a revolutionary software solution that provides a configuration management focus to Naval Aviation Maintenance
 - Answers AMSR Issue 4: **Data Integrity Improvement**
 - Promotes “**truth in reporting**”
 - **Reduces data processing time** from 40 days to near real time
 - Completely **integrated with NAVAIR Top Tier** (NALDA)
 - Numerous AMSR Issues dependent on delivery of Optimized NALCOMIS OMA

BUSINESS PROCESS IMPROVEMENTS

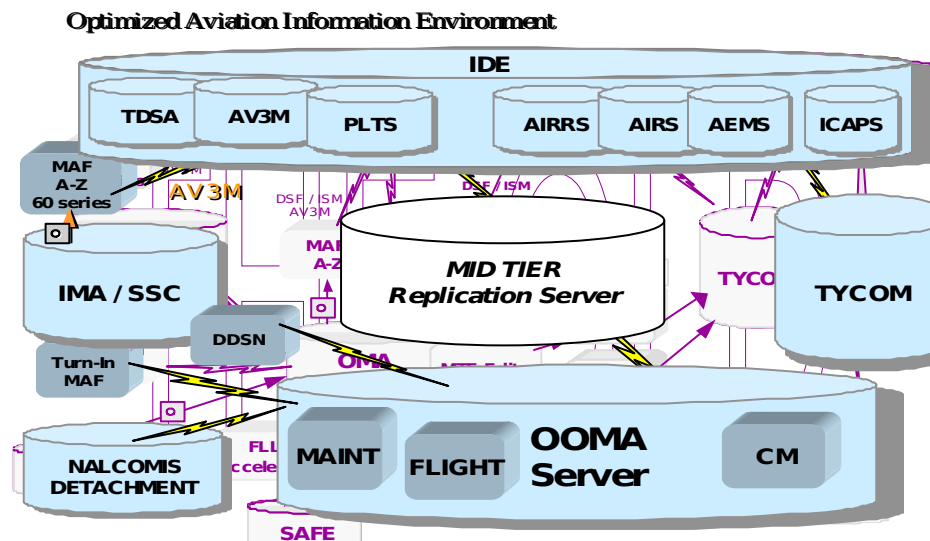


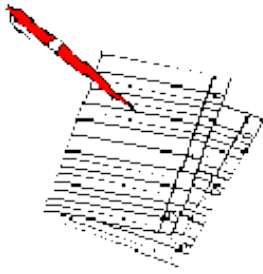
- **Comprehensive baseline**
- **Auto SCIR**
 - Automated MESM
- **Configuration Management**
 - **Serial Number Tracking**
 - Parts Life Tracking (Not just logbook items)
 - Actual Inventory
- **Automated Log Books**
 - Automatically updated

- **Data Replication**
 - Near Real Time Up-line Reporting
- **Interfaces with “Smart Aircraft”**
 - Platform specific applications V-22 / H-60 / H-53 / F-18
- **Targeted elimination of “Stove Pipe” systems**
 - SEATS, SESS, LAMMS, ICAPS

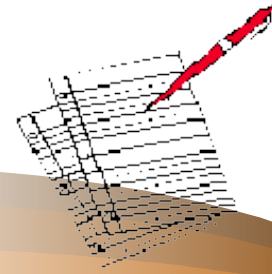
Optimized NALCOMIS

- **Reports** Maintenance transactions in near real time through data replication
 - Utilizes three tiered system





REPORTS



- ▶ Aircraft Daily Status
- ▶ Work Center Workload
- ▶ Scheduled Inspections
- ▶ Work Order Audit Trail
- ▶ Maintenance History
- ▶ Daily Aircraft Times

- ▶ Engine Configuration
- ▶ Installed Explosives
- ▶ Aircraft Flight Data
- ▶ Whole Work Order
- ▶ Flight Hour Detail
- ▶ Aircraft Workload

- ▶ Component Removal Due (High Time)



AD HOC QUERIES



On top of the dozens of standard reports that are accessible from Optimize NALCOMIS, there are dozens of different data fields that can be set in Ad Hoc for data retrieval.

Start Date **Stop Date** **Buno #** **Work Unit Code**

Type **Equipment Code** **Open Gripes** **Closed Gripes**

Partial Mission Capable Gripes **Down Gripes** **Up Gripes**

What's Changed?



- **Readiness Numbers (FMC / MC) are lower**
 - Auto SCIR???
- **Documented Maintenance Man Hours are lower**
 - Worker can only be in work on one job at a time
- **Cannibalization rates have increased**

OOMA NALCOMIS IMPLEMENTATION



- **Actual Database Build**
 - SSCC team builds Automated Log Set (Electronic Log Book)
 - Team provides OJT to Logs and Records personnel
- **Formal Classroom Training**
 - SQD personnel receive WinNT training prior to HDW refresh
 - CNAL team provides classroom training
- **Back-fit outstanding work orders**
 - CNAL / SSCC team will input all outstanding work orders
- **Turn-on**
 - Go live with OOMA
- **Over-the-shoulder Training**

SUCCESSFUL IMPLEMENTATION



TRAINING, TRAINING, TRAINING

**SQUADRONS HAVING THE
SMOOTHEST TRANSITIONS TO
OOMA:**

- DEDICATED THEIR SA'S WORKLOAD TO THE IMPLEMENTATION
- ENSURED 100% SQUADRON PARTICIPATION IN TRAINING

POINTS OF CONTACT



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5 laptops plus ..

